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6 June 1965

Page 18SAM SITES AND SAM SUPPORT FACILITY

ASWAN HIGH DAM AREA, EGYPT

1. THE HIGH ASWAN DAM IS 375 NM SSE OF CAIRO. ENGINEERING PLANS FOR THE DAM WERE DRAFTED BY GREEK, ITALIAN AND EGYPTIAN ENGINEERS AND LATER MODIFIED BY THE GERMANS. WHEN THE RUSSIANS UNDERTOOK THE JOB IN 1958, THEY RETAINED ALL ESSENTIALS. IN FINANCIAL TERMS, THE SOVIET ASSISTANCE WILL AMOUNT TO \$300 MILLION OUT OF THE \$1.2 BILLION TOTAL COST OF THE DAM, HYDROELECTRIC UNITS AND TRANSMISSION LINES. THE SOVIETS AGREED TO PROVIDE ALL FOREIGN CURRENCY NEEDS IN THE FORM OF MACHINERY, EXPERTS, AND SALARIES. IN PHYSICAL TERMS THERE HAVE BEEN 2,000 SOVIET ENGINEERS AND TECHNICIANS WORKING WITH 33,000 EGYPTIAN ENGINEERS, TECHNICIANS AND UNSKILLED WORKERS. MORE THAN 100 PERSONS HAVE DIED EACH YEAR FROM ACCIDENTS AND HEAT STROKES SINCE WORK BEGAN IN 1960 ON THE MAIN STRUCTURE, BUT IT WILL BE FINISHED BY 1967, ONE YEAR AHEAD OF SCHEDULE.
2. THE DAM WILL BE $2\frac{1}{4}$ MILES LONG AND HALF A MILE WIDE, AND WILL REACH FULL WATER STORAGE CAPACITY BY 1969. BY THEN THE RESERVOIR FORMED, LAKE NASSER, WILL BE 300 MILES LONG AND LARGER IN AREA THAN LEBANON. THE DAM WILL PROVIDE FOR EGYPT TWICE AS MUCH ELECTRICAL POWER AS IS

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CURRENTLY GENERATED, AN INCREASE OF 30 PER CENT IN THE CULTIVATED LAND AREA, AND A RISE OF 18% IN THE GROSS NATIONAL PRODUCT. THE DAM ALSO INCREASES THE MILITARY VULNERABILITY OF EGYPT ENORMOUSLY. THE DESTRUCTION OF THE DAM WHEN FULL WOULD BRING 130 BILLION METRIC TONS OF WATER CRASHING DOWN THE NILE VALLEY AND WOULD DESTROY EGYPT AS WE KNOW IT TODAY.

3. [REDACTED] REVEALED AN SA-2 SAM SITE (B22-2) UNDER CONSTRUCTION 12.5 NM SW OF ASWAN.

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4. [REDACTED] REVEALED AN SA-2 SAM SUPPORT FACILITY 2 NM SOUTH OF ASWAN.

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5. [REDACTED] REVEALED AN SA-2 SAM SITE ^(first designated) (A34-2) UNDER CONSTRUCTION 12.2 NM NNW OF ASWAN. AN ALTERNATE SITE WAS 0.5 NM WEST OF THE LAUNCH SITE.

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6. THIS MISSION REVEALS A NEWLY IDENTIFIED SA-2 SAM SITE UNDER CONSTRUCTION 11.6 NM NE OF ASWAN, AND ALSO PROVIDES THE FIRST SYSTEM COVERAGE OF THE PREVIOUSLY REPORTED SAM SUPPORT FACILITY AND TWO SAM SITES.

ASWAN SAM SITE B22-2 IS COMPLETE AND APPEARS TO BE OPERATIONAL. SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, 3 CONTAINING PROBABLE LAUNCHERS AND ONE WITH A POSSIBLE LAUNCHER. THE CENTRAL GUIDANCE

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AREA IS POSSIBLY REVETTED AND CONTAINS 12 UNIDENTIFIED STRUCTURES/PIECES OF EQUIPMENT. THERE ARE 3 REVETTED MISSILE-HOLD POSITIONS WITH AN UNIDENTIFIED STRUCTURE IN EACH AND 5 OTHER POSSIBLE REVETTED POSITIONS. TWO MISSILE TRANSPORTERS ARE OBSERVED IN THE SITE AREA. A SITE SUPPORT, 1,000 FT NE OF THE LAUNCH AREA, CONTAINS 3 LARGE BUILDINGS AND SEVERAL SMALLER BUILDINGS.

AT THE ASWAN SAM SUPPORT FACILITY ARE 6 MISSILE TRANSPORTERS AND 6 PROBABLE VEHICLES/PIECES OF EQUIPMENT.

ASWAN SAM SITE B33-2 (FORMERLY A34-2) IS POSSIBLY STILL UNDER CONSTRUCTION. REDESIGNATION OF THE SITE WAS DUE TO A MORE ACCURATE LOCATION OF THE SITE AT 24-15-00N 032-46-30E APPROXIMATELY 12 NM NW OF ASWAN. THE SITE CONTAINS 6 REVETTED LAUNCH POSITIONS, A CENTRAL GUIDANCE AREA, AND ONE REVETTED MISSILE HOLD POSITION--TH OCCUPANCY OF ALL IS UNDETERMINED. NEAR THE SITE ARE 4 POSSIBLE VEHICLES/PIECES OF EQUIPMENT. A SITE SUPPORT, 2,000 FT SOUTH, IS IN LATE STAGES OF CONSTRUCTION. AN ALTERNATE SITE IS LOCATED 3,500 FT WEST OF THE MAIN LAUNCH SITE, AND A NEWLY IDENTIFIED SECOND ALTERNATE SITE IS LOCATED 3,500 FT WNW OF THE MAIN LAUNCH SITE.

THE NEWLY IDENTIFIED ASWAN SAM SITE CONTAINS 6 UNOCCUPIED REVETTED LAUNCH POSITIONS, AND AN UNOCCUPIED REVETTED CENTRAL GUIDANCE AREA. A SITE SUPPORT IS UNDER CONSTRUCTION 500-600 FT NW OF THE LAUNCH SITE.

THIS BRINGS THE TOTAL NUMBER OF KNOWN SA-2 SAM SITES IN EGYPT TO 23.

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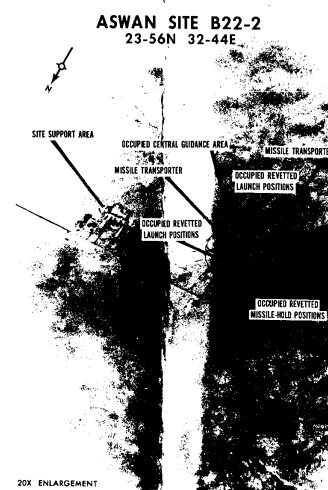
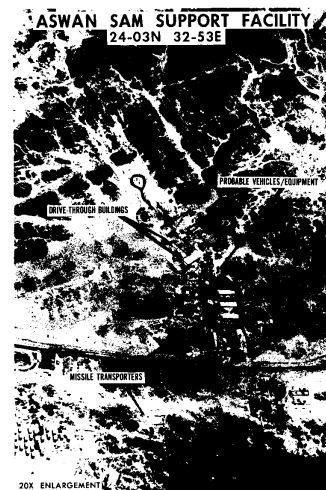
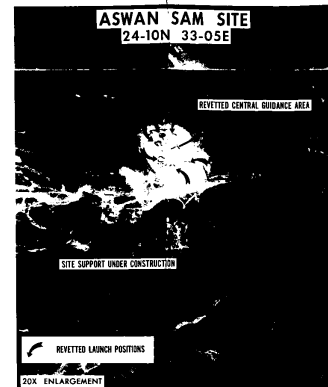
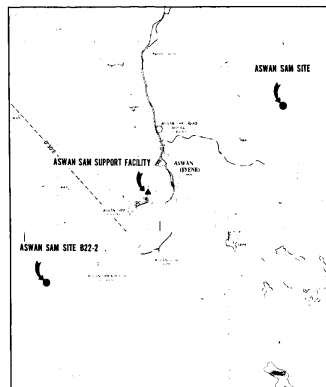
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